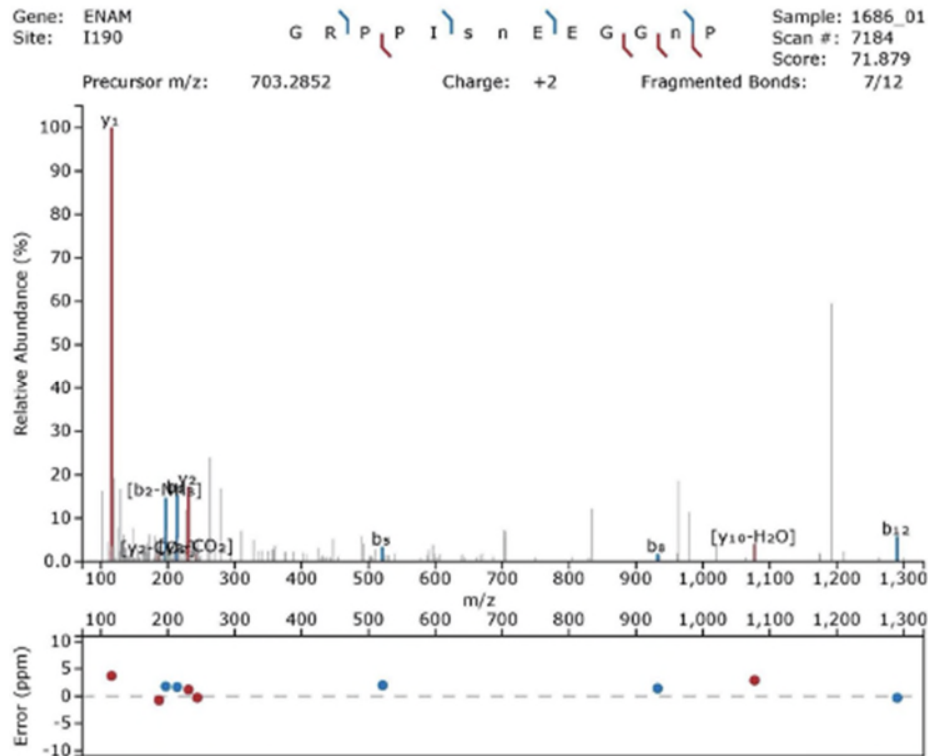


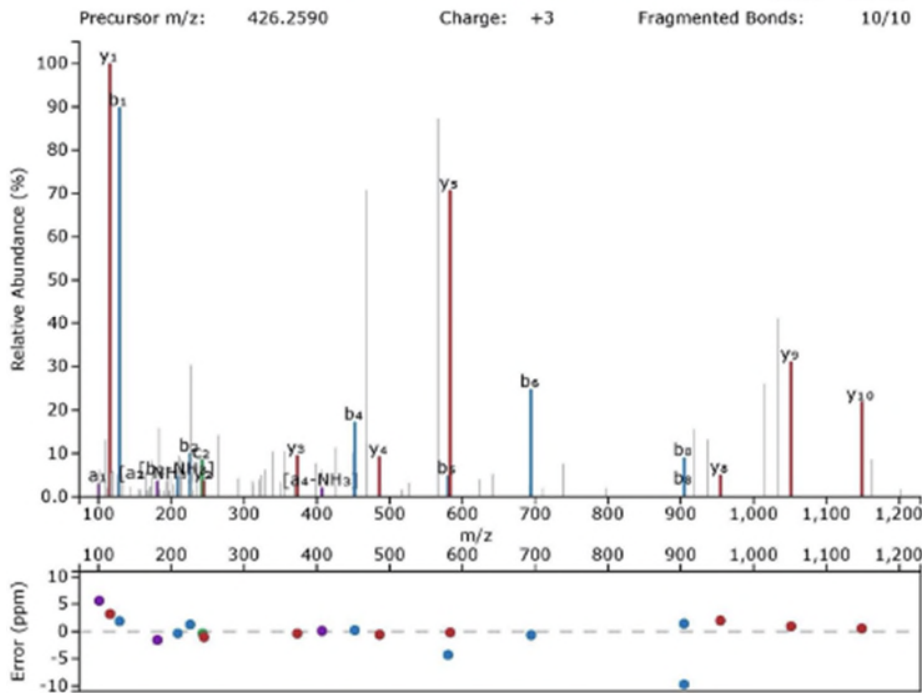
Supplementary Data 1 | Annotated HCD fragmentation spectrum. Fragments were annotated using the “Interactive Peptide Spectral Annotator” web tool with 10 ppm mass accuracy. Spectra can be identified by raw file (“Sample”) and scan number. Score refers to the Andromeda score. Fragment types are color coded: red (y), blue (b), green (c), purple (a), orange (z). Lower case letters represent modified amino acids: Deamidation (qn), Oxidation (m), Hydroxyproline (p), Arginine to Ornithine (r), and phosphorylation (s). Neutral losses were only annotated for water and ammonium, but not for phosphate losses.



Gene: ENAM
Site: R137



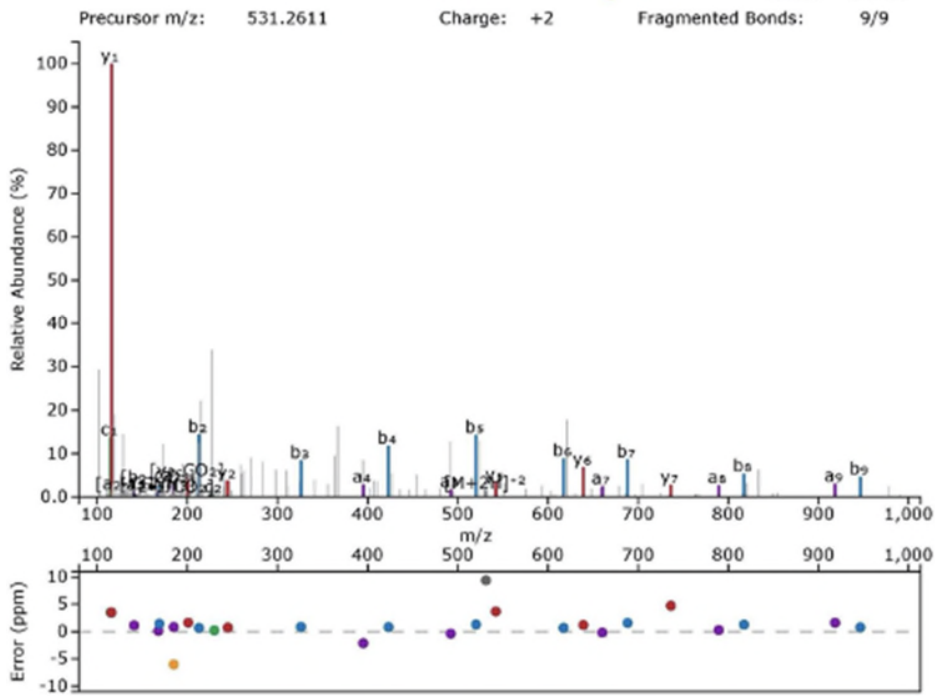
Sample: 1687_01
Scan #: 1595
Score: 64.439



Gene: AMELX
Site: P134



Sample: 1687_01
Scan #: 11002
Score: 92.439

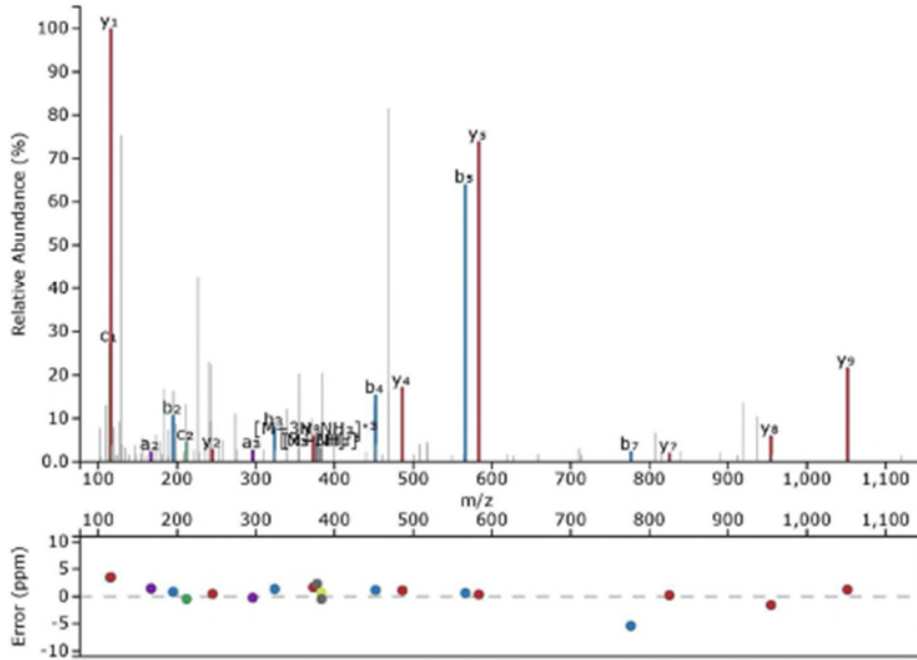


Gene: ENAM
Site: R137



Sample: 1687_01
Scan #: 1274
Score: 70.552

Precursor m/z: 383.5606 Charge: +3 Fragmented Bonds: 9/9

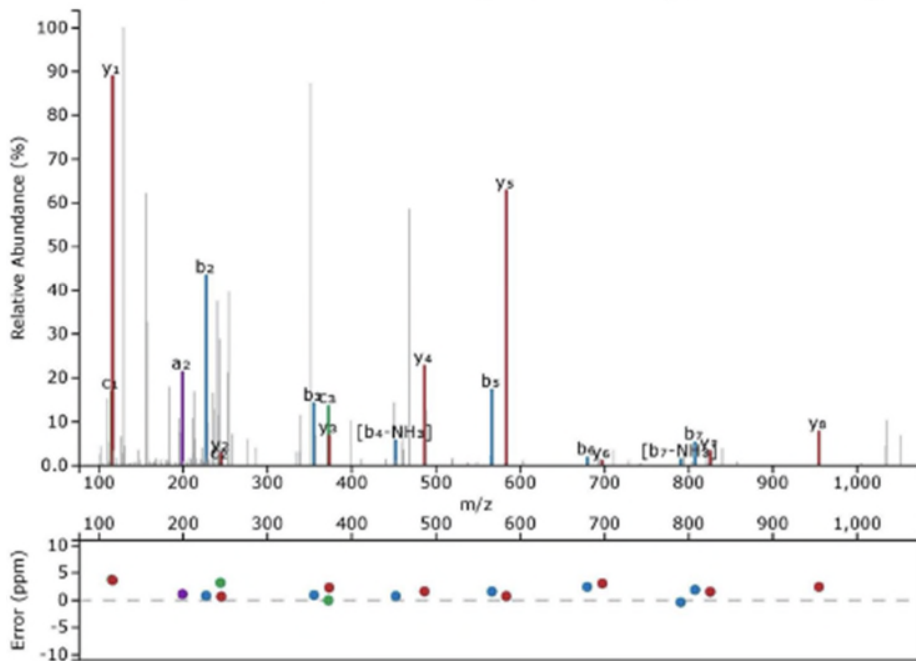


Gene: ENAM
Site: R137



Sample: 1687_01
Scan #: 1214
Score: 86.136

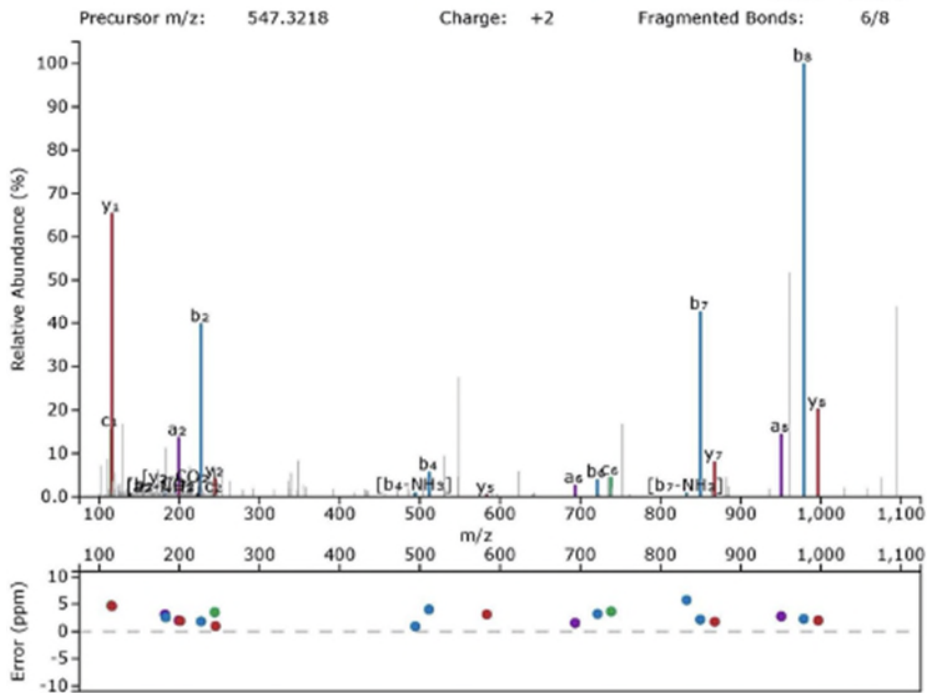
Precursor m/z: 351.2097 Charge: +3 Fragmented Bonds: 8/8



Gene: ENAM
Site: R137



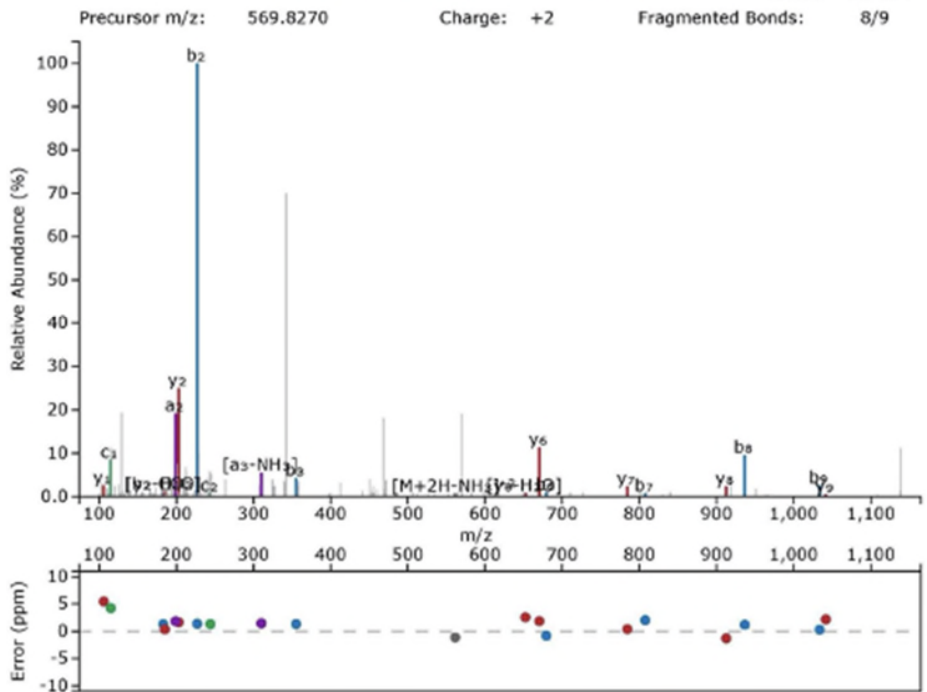
Sample: 1687_02
Scan #: 5670
Score: 87.323



Gene: ENAM
Site: R137



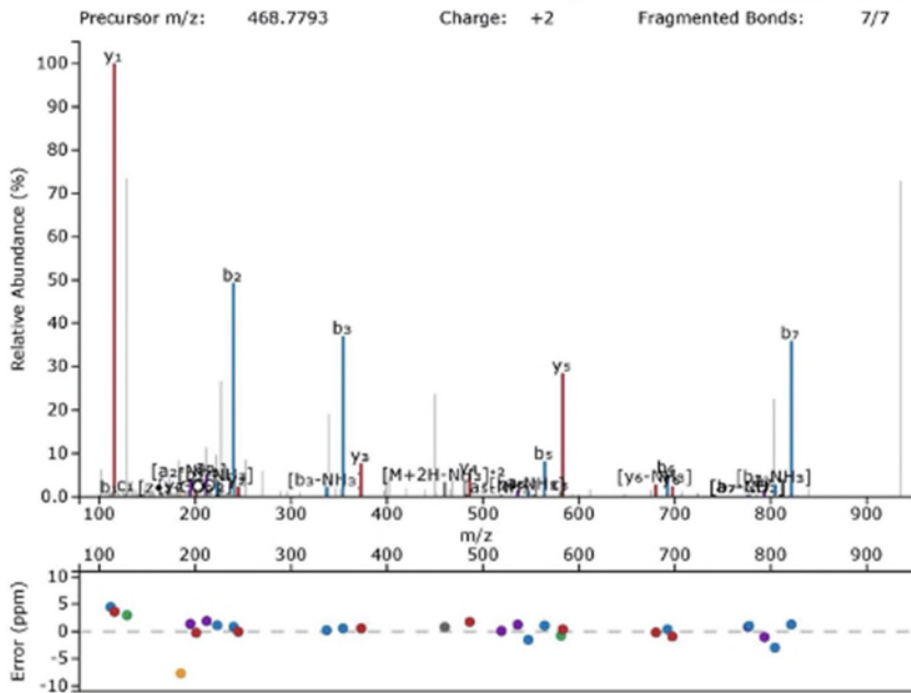
Sample: 1687_02
Scan #: 2638
Score: 85.731



Gene: ENAM
Site: R137



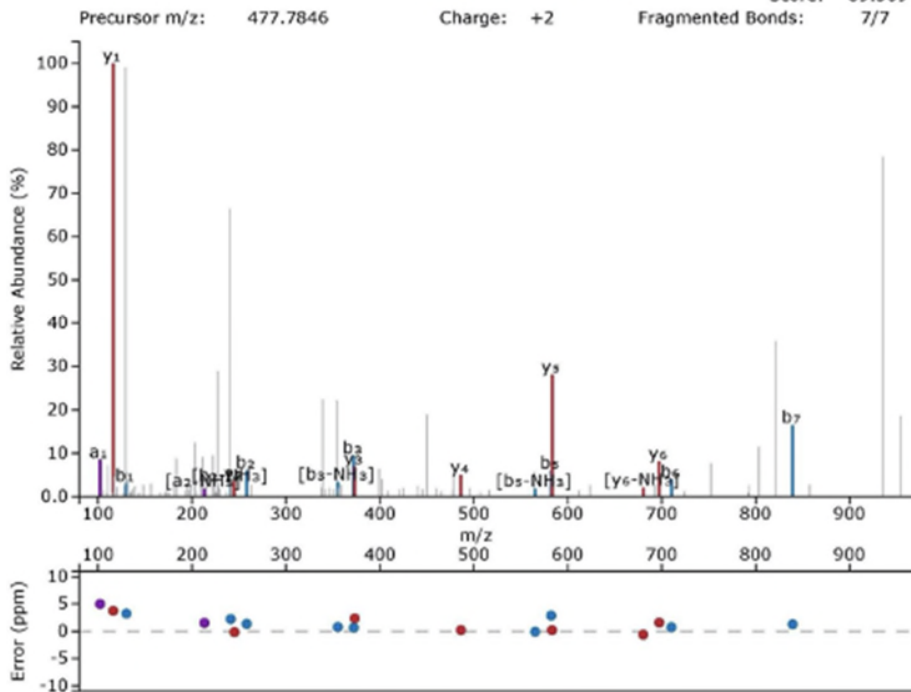
Sample: 1686_01
Scan #: 1594
Score: 111.73



Gene: ENAM
Site: R137



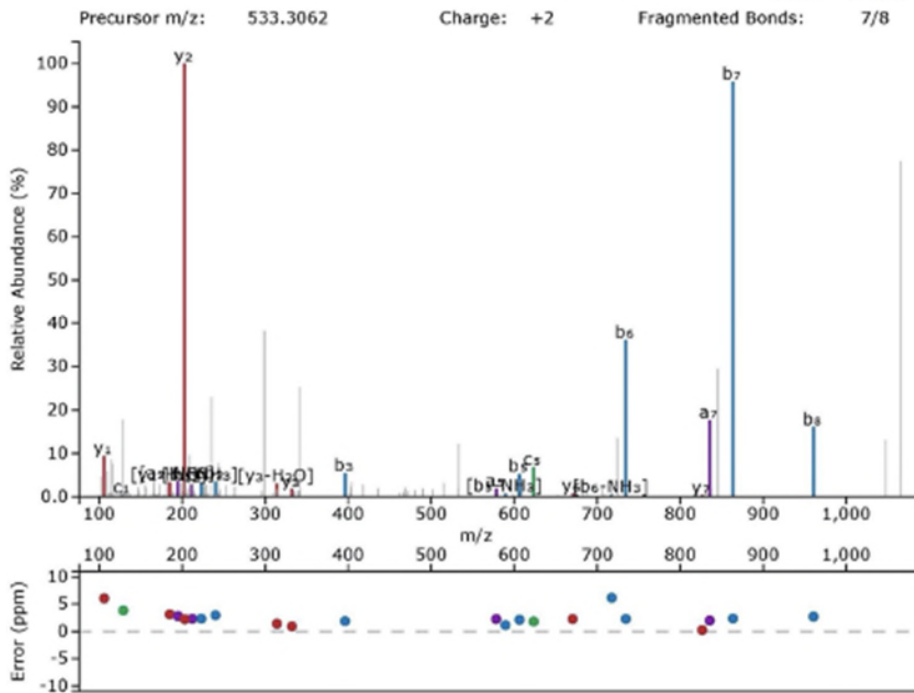
Sample: 1687_01
Scan #: 1164
Score: 89.369



Gene: ENAM
Site: R137



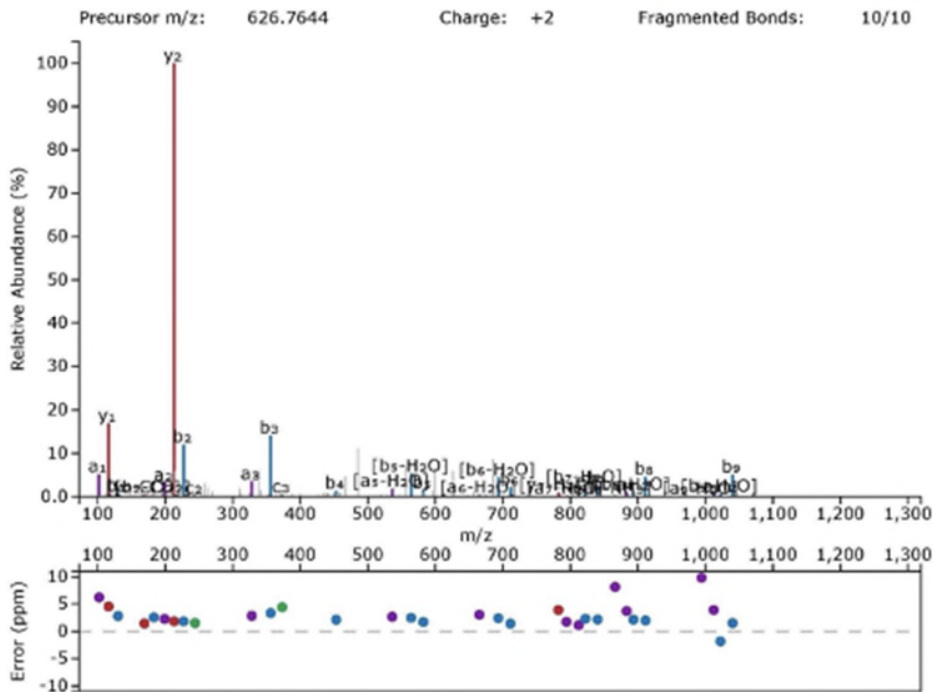
Sample: 1687_02
Scan #: 2655
Score: 82.529



Gene: ENAM
Site: P147



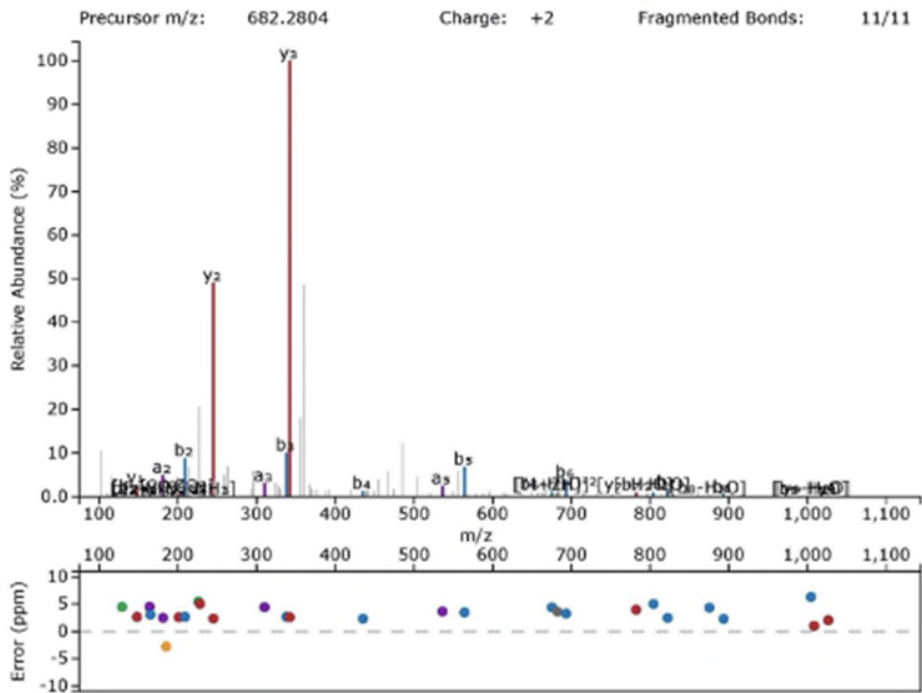
Sample: 1687_02
Scan #: 11156
Score: 122.520



Gene: ENAM
Site: P147



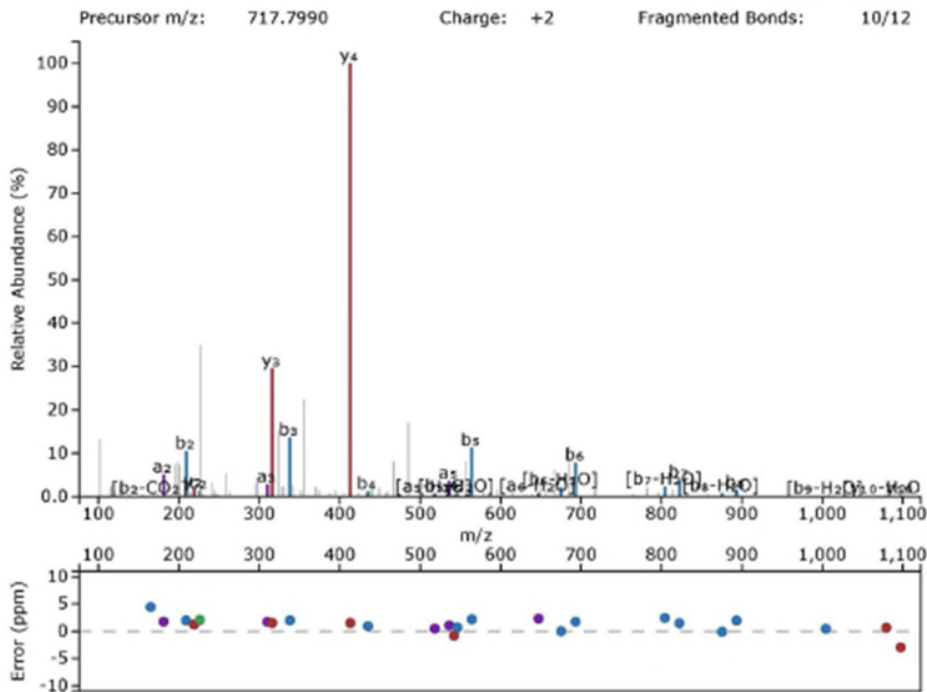
Sample: 1686_02
Scan #: 10620
Score: 88.496



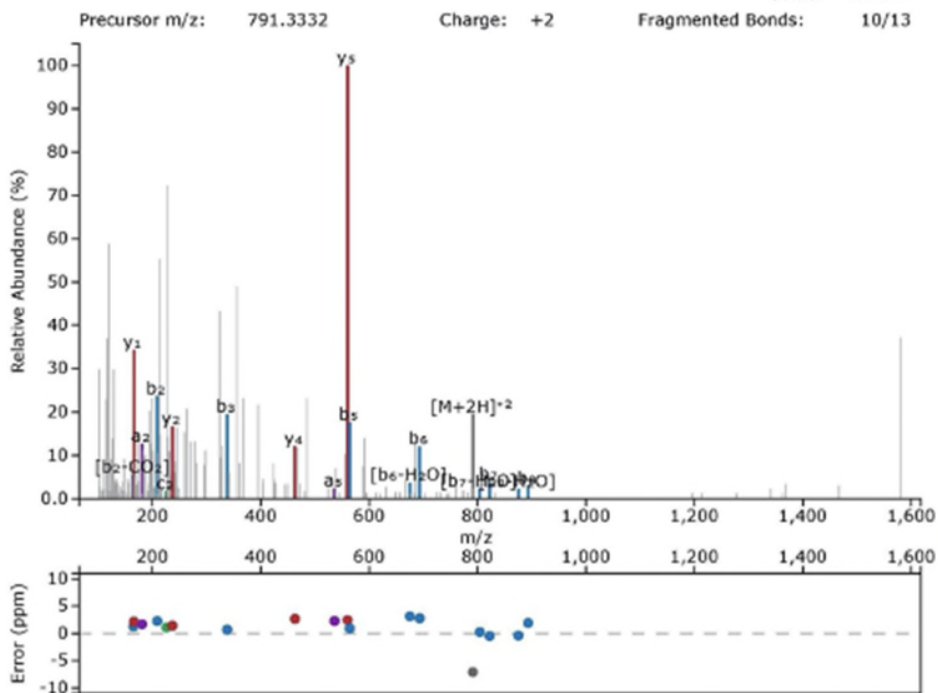
Gene: ENAM
Site: P147



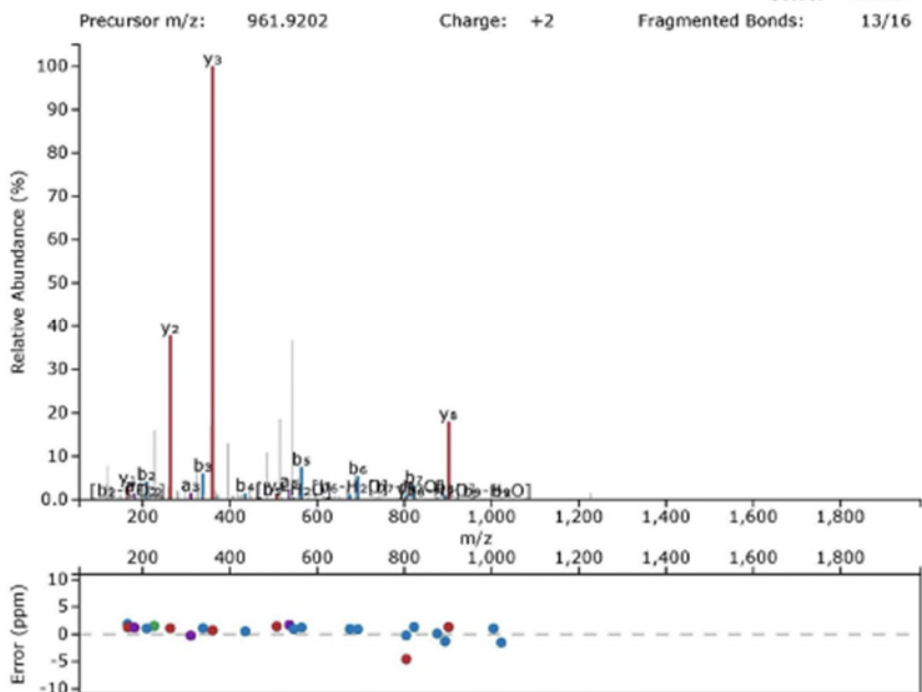
Sample: 1687_02
Scan #: 21397
Score: 83.862



Gene: ENAM Site: P147 Sample: 1687_02 Scan #: 37714 Score: 85.533



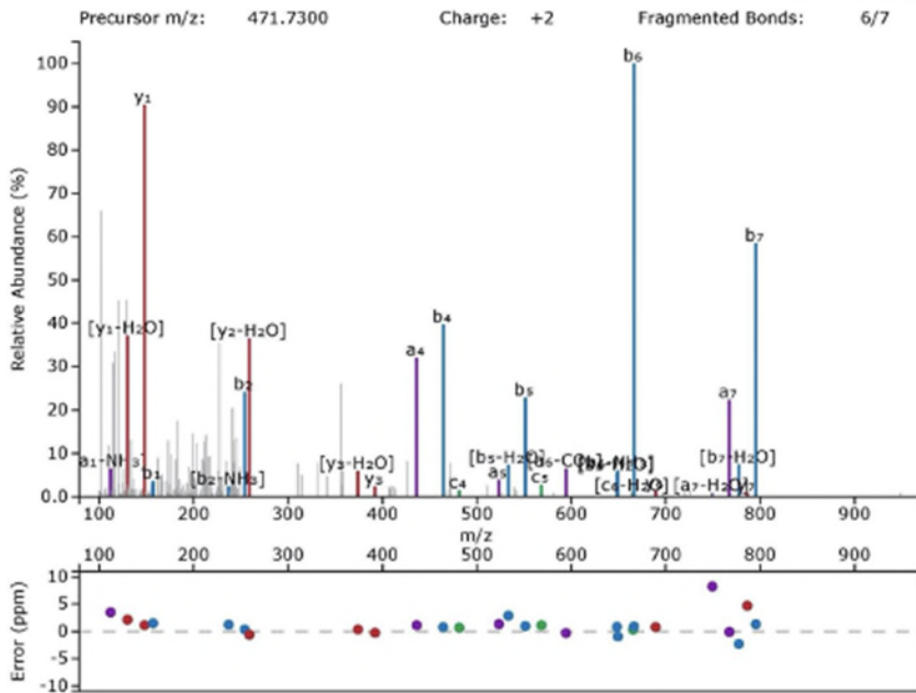
Gene: ENAM Site: P147 Sample: 1686_01 Scan #: 23706 Score: 81.525



Gene: ENAM
Site: I190



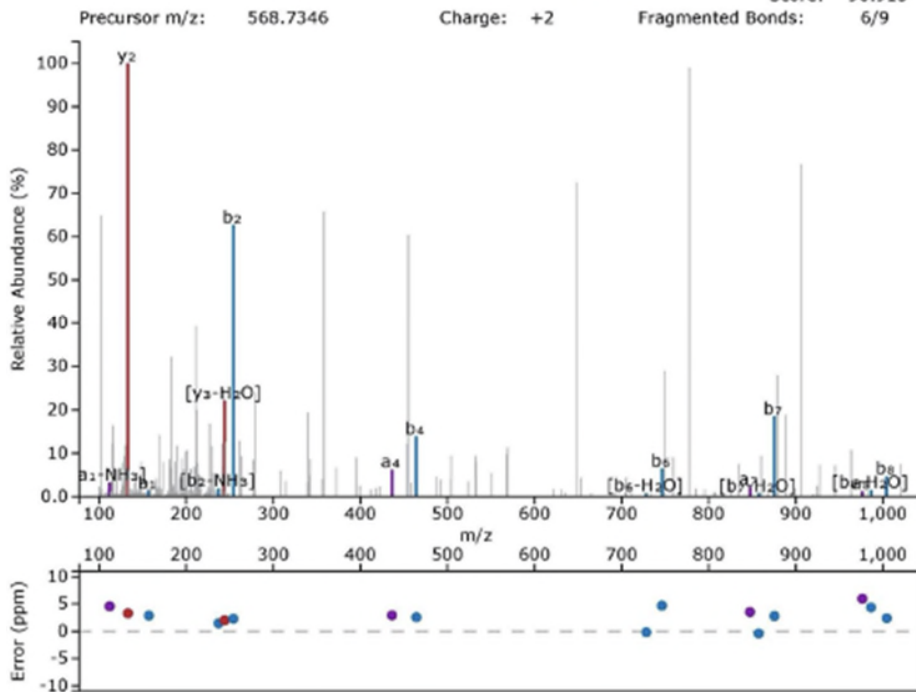
Sample: 1686_01
Scan #: 2753
Score: 106.360



Gene: ENAM
Site: I190



Sample: 1686_02
Scan #: 4961
Score: 90.913

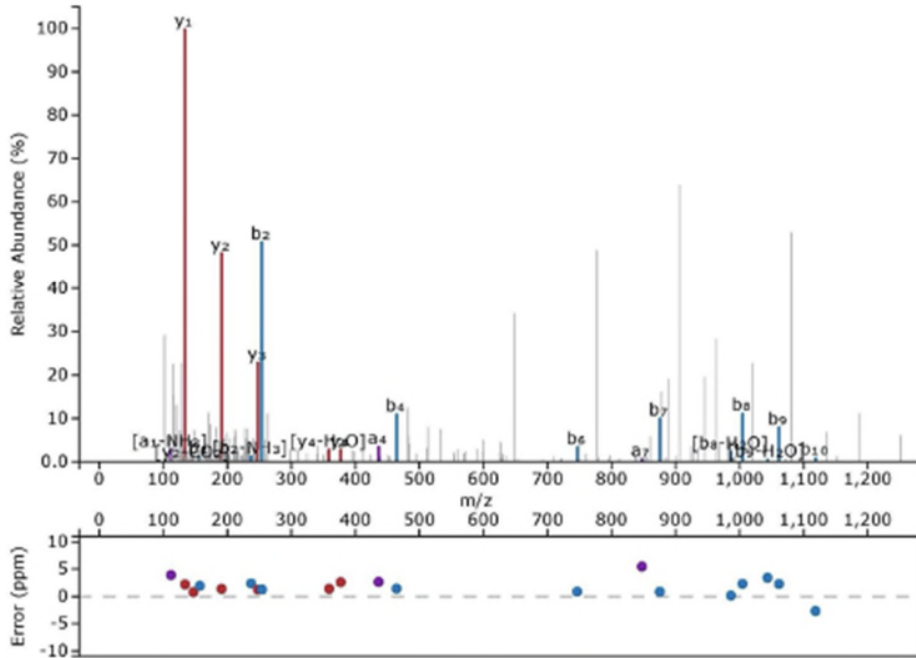


Gene: ENAM
Site: I190



Sample: 1686_01
Scan #: 4160
Score: 141.470

Precursor m/z: 626.2481 Charge: +2 Fragmented Bonds: 8/10

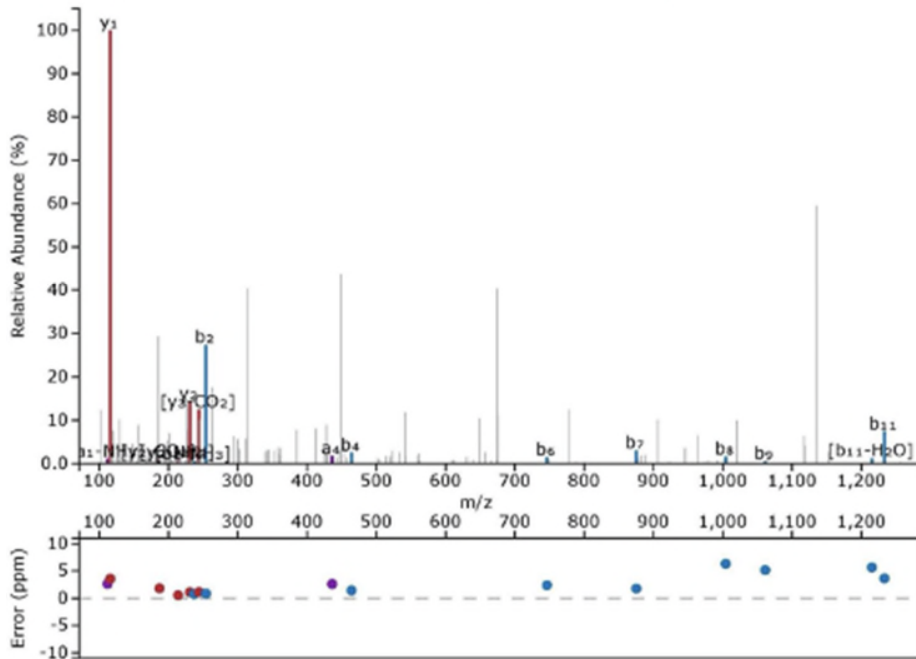


Gene: ENAM
Site: I190



Sample: 1686_01
Scan #: 7014
Score: 112.440

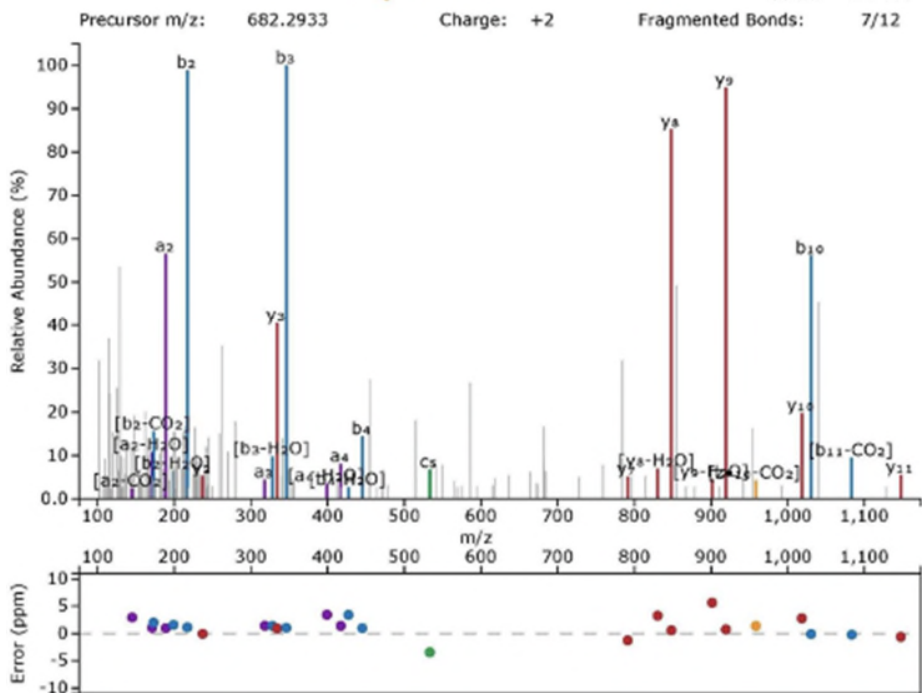
Precursor m/z: 674.7745 Charge: +2 Fragmented Bonds: 9/11



Gene: AMBN
 Site: E270

S E E V A G R E D P m A

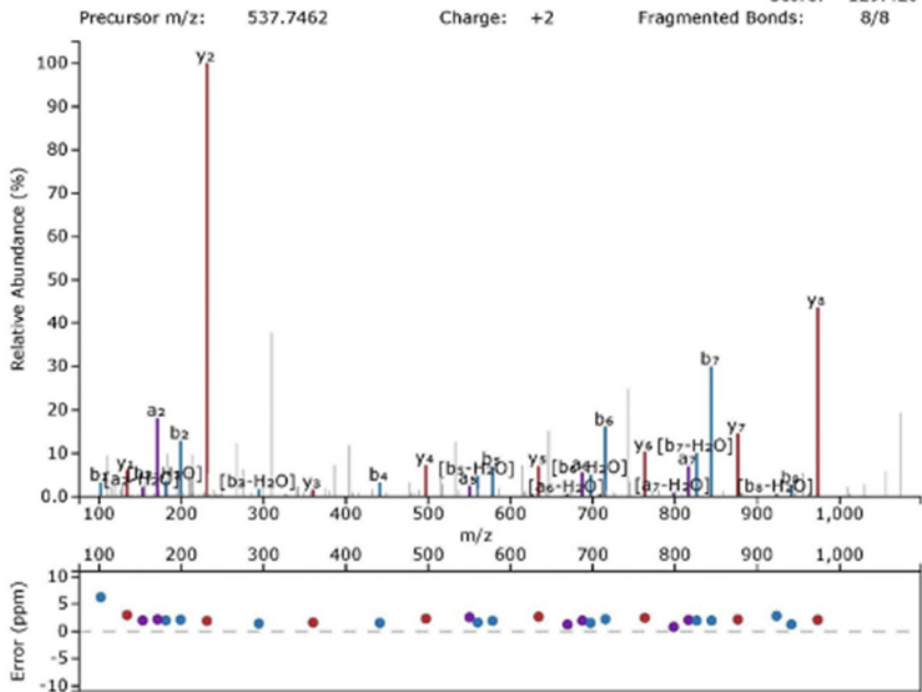
Sample: 1686_01
 Scan #: 3011
 Score: 76.228



Gene: AMELX
 Site: I126

T P I q H H q P n

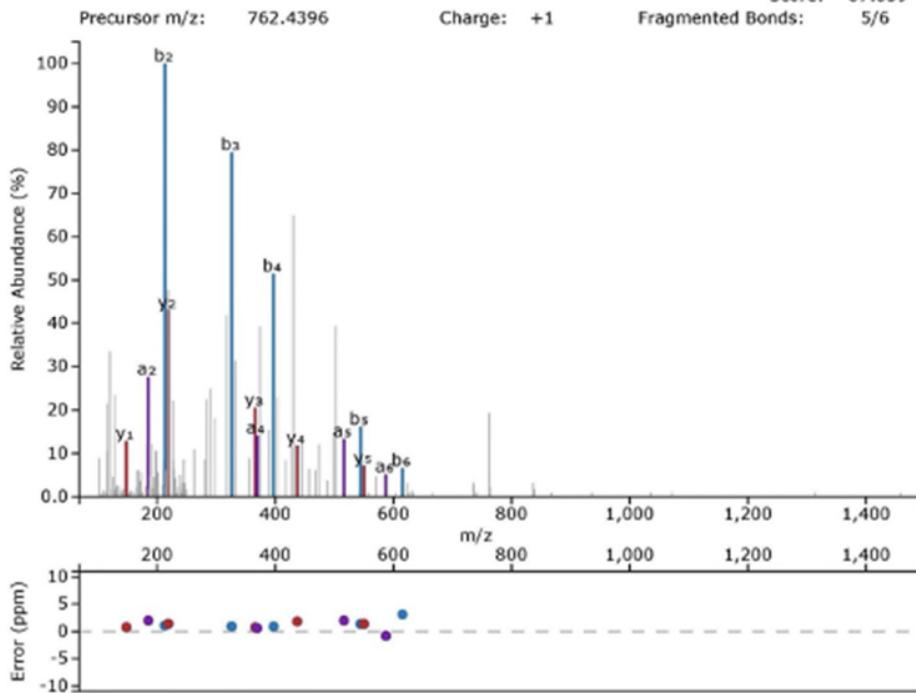
Sample: 1687_02
 Scan #: 2137
 Score: 129.420



Gene: ALB
Site: I49



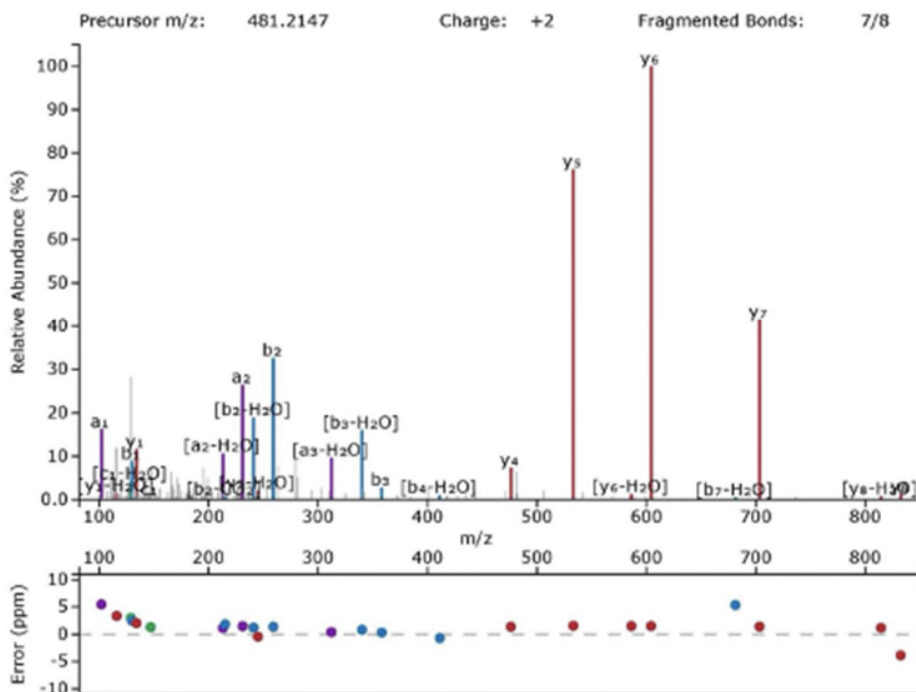
Sample: 1687_01
Scan #: 15745
Score: 87.839



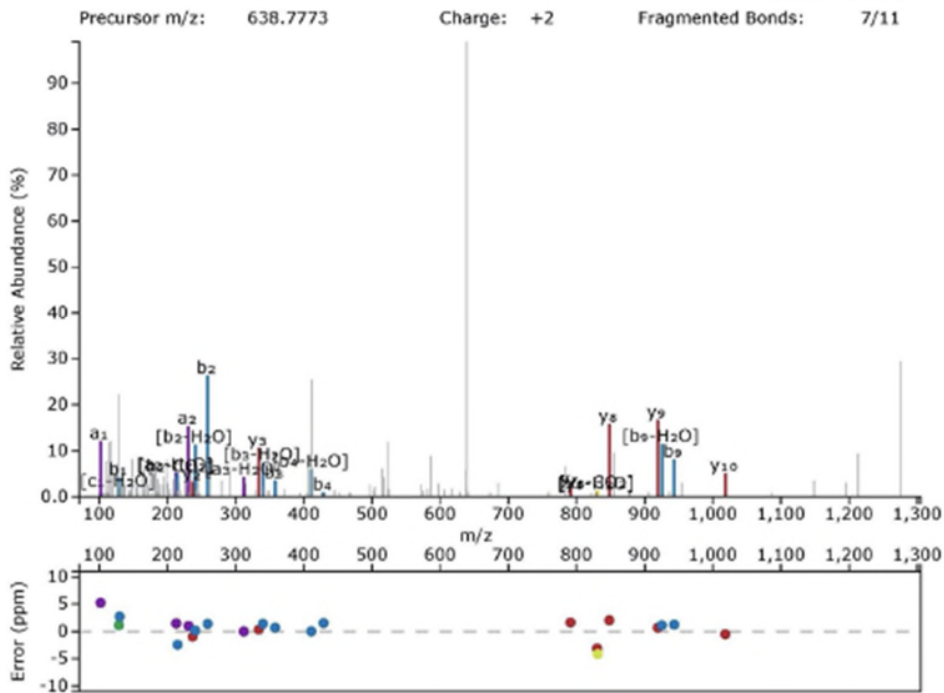
Gene: AMBN
Site: E270



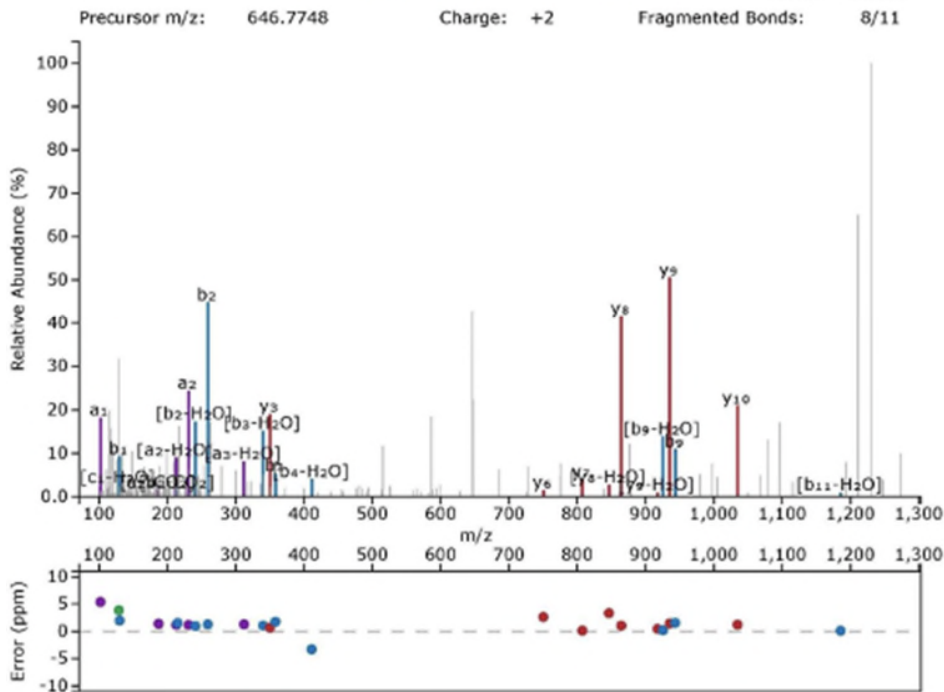
Sample: 1686_01
Scan #: 1182



Gene: AMBN Site: E270 E E V A G G R E D P m A Sample: 1686_01
Scan #: 2592
Score: 84.213



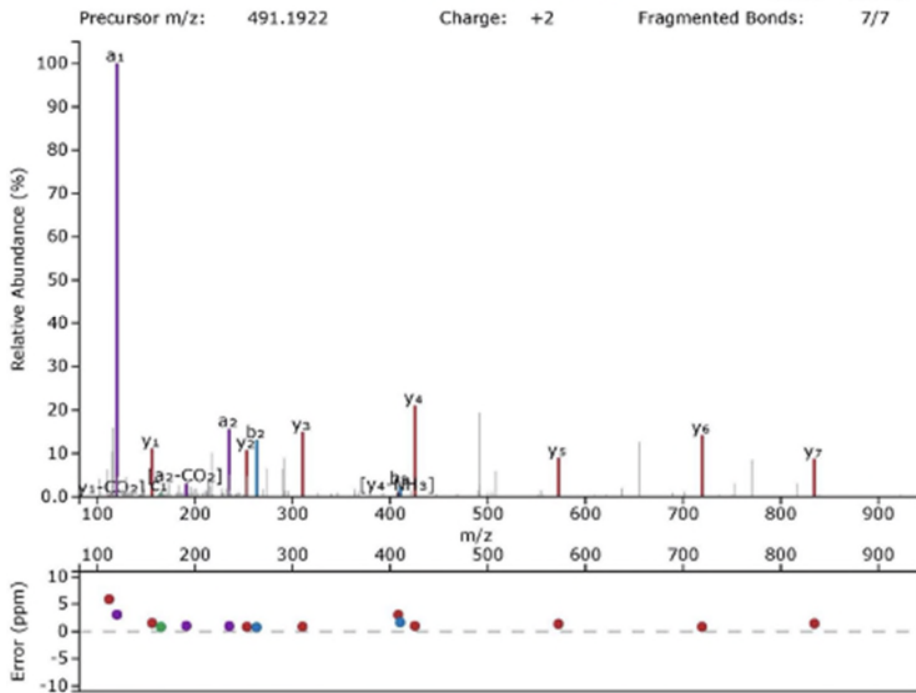
Gene: AMBN Site: E270 E E V A G G R E D p m A Sample: 1686_01
Scan #: 3105
Score: 81.950



Gene: ENAM
Site: N64



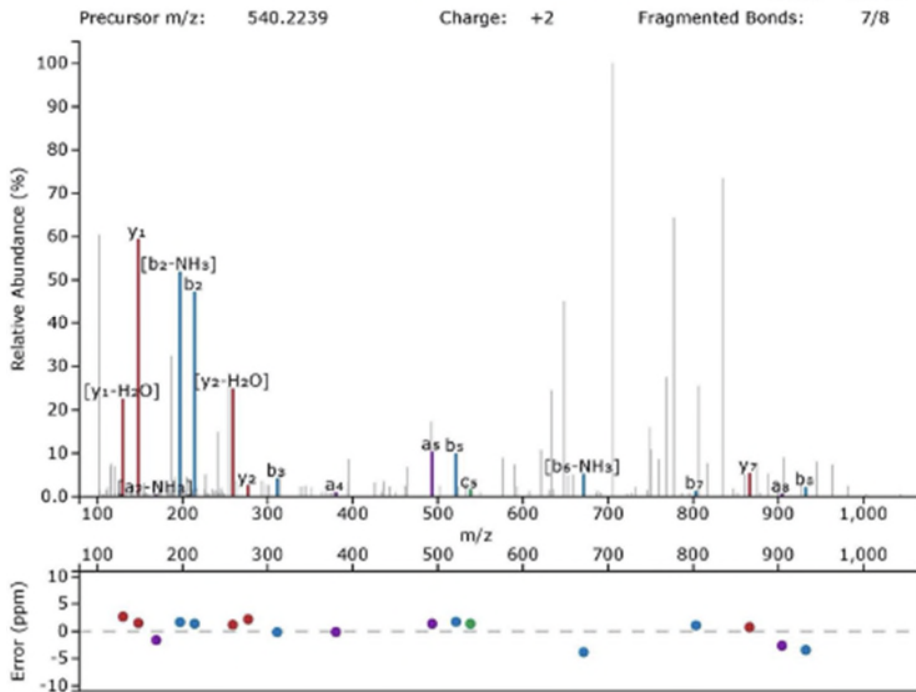
Sample: 1687_01
Scan #: 9198
Score: 86.113



Gene: ENAM
Site: I190



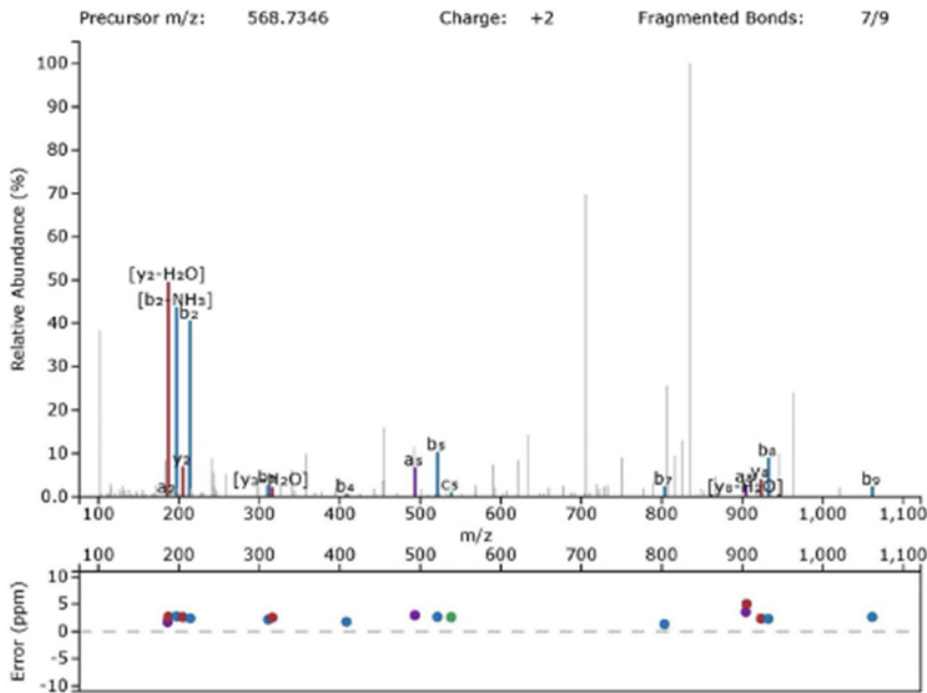
Sample: 1686_01
Scan #: 4094
Score: 91.215



Gene: ENAM
Site: I190



Sample: 1686_02
Scan #: 5106
Score: 101.640



Gene: ENAM
Site: I190



Sample: 1686_01
Scan #: 3790
Score: 124.470

